

# Lab 5

## Images

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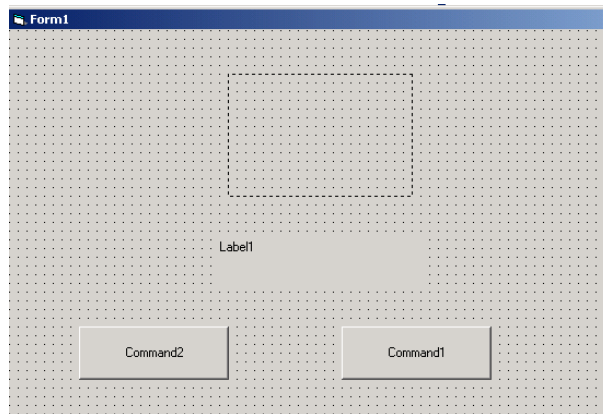
### GOALS:

1. Students will be able to create a program that uses images.
2. Students will be able to create a program using images as a click event.

### ESSENTIAL QUESTIONS

1. What is the purpose of images?
2. Can an image be a click event?

**Step 1:** Create the following display (image, label, 2 buttons)



**Step 2:** Give the objects the following names

Command1 → cmdDone

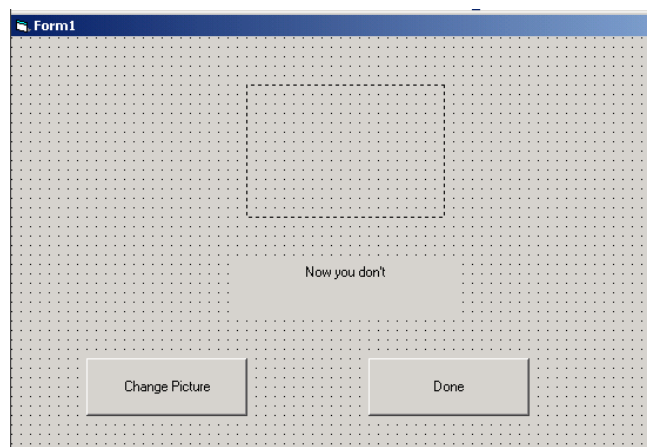
Command2 → cmdChangePic

Label1 → lblDisplay

Image → imgHereIAm

Form → frmLab5

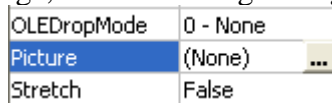
**Step 3:** Give the command buttons & label the following captions:



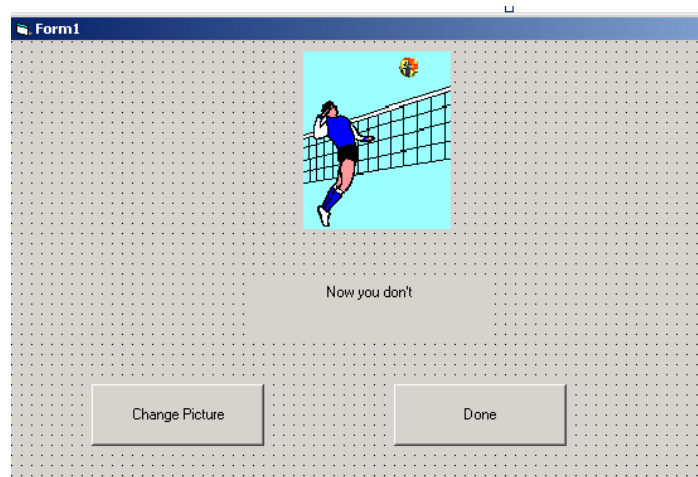
**Step 4:** Find a picture from the Internet and save it to your folder.

**Step 5:** To insert the image, select the image and go the picture property in the property box. Select the box

that has three dots on it.



Find your folder with the picture.



**Step 6:** If your image is too big for the image box, you will need to use the stretch property. Select the picture and go to the stretch property and set to True.

**Step 7:** Time to code. Code the following in the proper objects.

#### Option Explicit

'Author: Your Name

'Period: #

'Lab 5 Images

```
Private Sub cmdChangePic_Click()  
    lblDisplay.Caption = "Now you see me"  
    imgHereIAm.Visible = True  
End Sub
```

```
Private Sub cmdDone_Click()  
    Unload Me  
End Sub
```

```
Private Sub Form_Load()  
    imgHereIAm.Visible = False  
End Sub
```

```
Private Sub imgHereIAm_Click()  
    lblDisplay.Caption = "You've just clicked me"  
    imgHereIAm.Visible = False  
End Sub
```

```
Private Sub lblDisplay_Click()  
  
End Sub
```

The `Form_Load()` – automatically runs when the run icon is selected, meaning that the code in the `Form_Load()` runs when you first start the program.

**(‘)** – **single quote** is used for comments. **Comments** are a way to leave messages for other programmers who may be looking at your code. The computer skips over comments and goes on to code statements.

**Questions:**

1. What happens when you clicked the button “Change Picture”?
2. What happens if you click the picture “imgHereIAm”?
3. What do you think is the purpose of the code in the `Form_Load` procedure?  

```
Private Sub Form_Load()  
    imgHereIAm.Visible = False  
End Sub
```
4. When does the `Form_Load` procedure execute?
5. Why isn’t there any code in the label procedure?